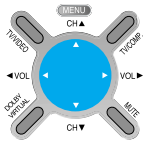
Erase of Memorized Channel

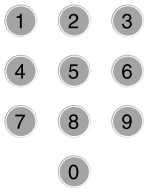
- This is function to erase unnecessary Channel memorized.
- This function is available even in the <Menu> - <Set Up> - <Ch Edit> - <Add/Erase>.

1 Select the Channel to erase.



- The Channel to erase with the "▼CH▲" button.
- You may select the Channel by pressing the number button.

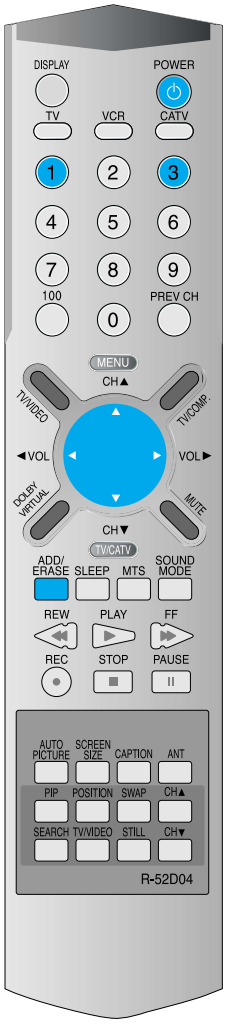
Ex) "13" channel



2 Press the "Add/Erase" button.

ADD/ ERASE

- If pressing the "Add/Erase" button, the Channel number changes from green color to red color.
- Add – Erase character alternatively appears whenever pressing this button.



Notices:

Cautions in menu setup

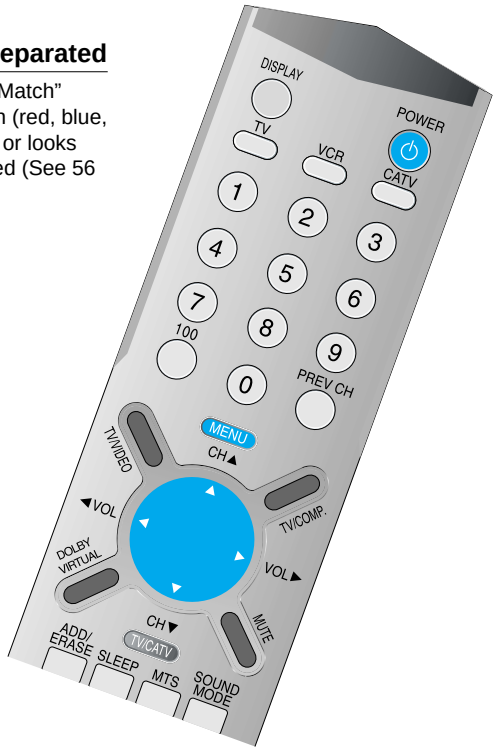
- Menu disappears if not operating any button for 10 seconds from the menu. Press the menu button to erase the menu.
- Only Channel signal with signal in setting up automatic Channel is memorized and other channels becomes as erase status.
- The screen appears as "Cable" when watching "Air" cable TV during reception of TV.
  You may select Air – Cable by pressing the " ◀VOL▶ " button.

Minute Adjustment of Channel

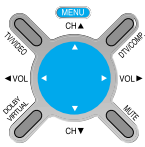
- This is function to clearly adjust the screen to the minute part when any Channel screen appears as a dotted line or when no color appears or when a stripe figure appears or when the screen is unstable.

When color looks separated

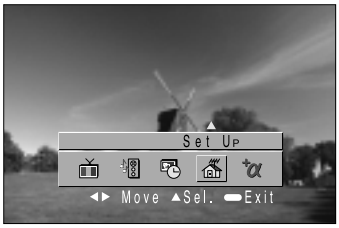
• You must adjust “Color Match” when color of the screen (red, blue, yellow) looks separated or looks spread due to unmatched (See 56 page).



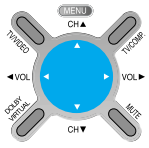
1 Select the Set up with the “Menu” button and the “ ◀VOL▶ ” button.



• The “ △” mark appears as in the right if pressing the “ ◀VOL▶ ” button until it will arrive at the Set up.

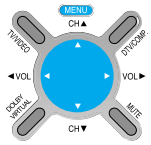


2 Select “Air/Cable”.



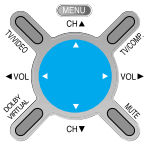
• This screen is used for selecting “Air TV” and “Cable TV”
• The screen is changed to “Air TV” and “Cable TV” whenever pressing the “ ◀VOL ▶” button.

3 Select Ch Edit



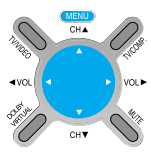
- The screen appears as in the right if pressing the “Ch Edit”.

4 Other items for Channel adjustment

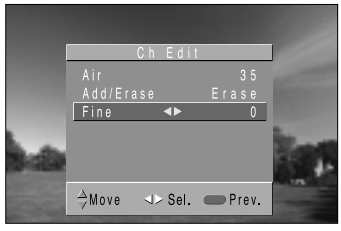


- This item enables to erase, memorize or minute adjust the channel.
- Select the desired Channel firstly.
- Performs Add or Erase.
- Minute adjust enables to adjust minute and clear thing on the screen.

5 Select Fine



- Select Minute Adjust by using the “▼CH▲” button.
- Stop to press the “ ◀VOL ▶” button if the screen becomes best conditions.

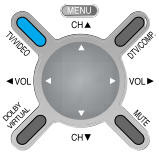


Selection of Input Signal

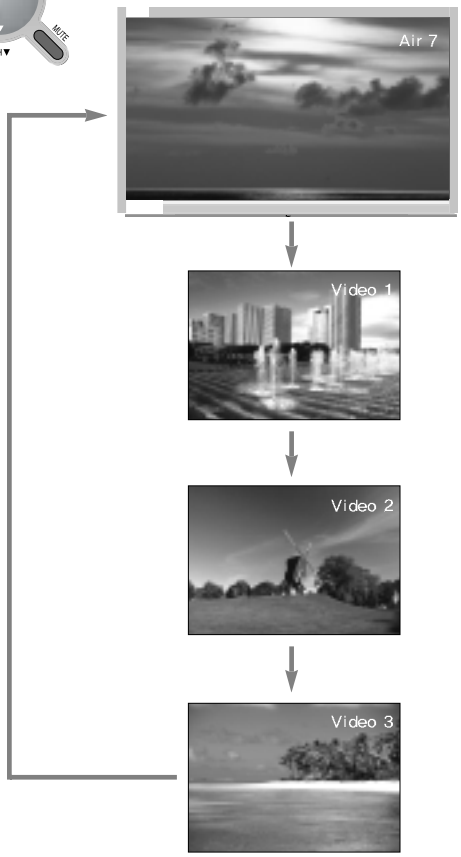
When watching video, Camcorder, Cable TV

- See 11p for connection method of TV and “Video”.
- You cannot designate channels when watching video.

1 Press the “TV/VIDEO” button.



- Screen changes as follows whenever pressing the “TV/Video Input” button.



Notices:

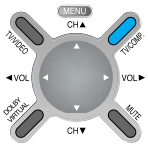
Cautions in menu setup

- Menu disappears if not operating any button for 10 seconds from the menu.
- Don’t connect video signal and S-video signal to the video input terminal (1,2,3) at the same time. If connecting both signals at the same time, the S-video operates.
- You can watch only when this input terminal must be connected to the composite video (generally video) signal.
- If sound signal is of mono method, connect it to the L-terminal of the sound input terminal.

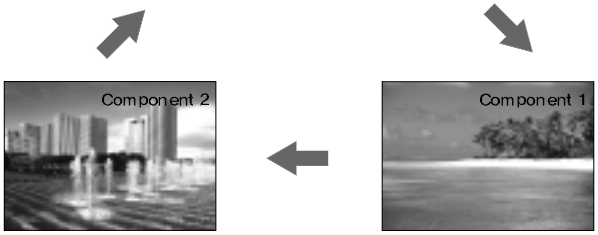
When watching DTV and DVD (component input)

- See 13p, 15p for connection method of DTV and DVD (component input).
- Input component video (called as color difference signal) as DVD signal.

1 Press the “TV/COMP.” button.

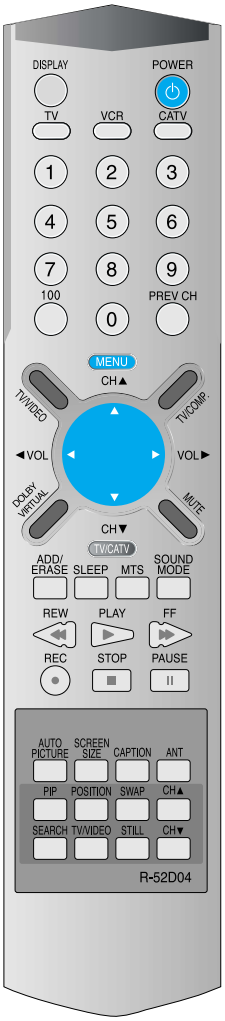


- The screen changes whenever pressing the button once.

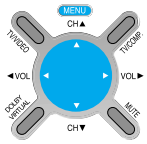


Component 2 Component 1

Method to watch by using Menu button



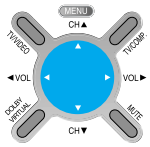
1 Press the Menu button.



- Press the " ◀VOL ▶" button until the " △" mark will come on the "Special".
- Press the "CH ▲" button in the " △" mark will come ont the "Special"

2 Select "Component 1" or "2" from the "Special".

- Component Off is repeated whenever pressing the "VOL ▶" button.
- Component 1 is repeated whenever pressing the "VOL ▶" button.
- Component 2 is repeated whenever pressing the "VOL ▶" button.



• "Conv Size" and "Conv Reset" is option.

Screen Adjustment

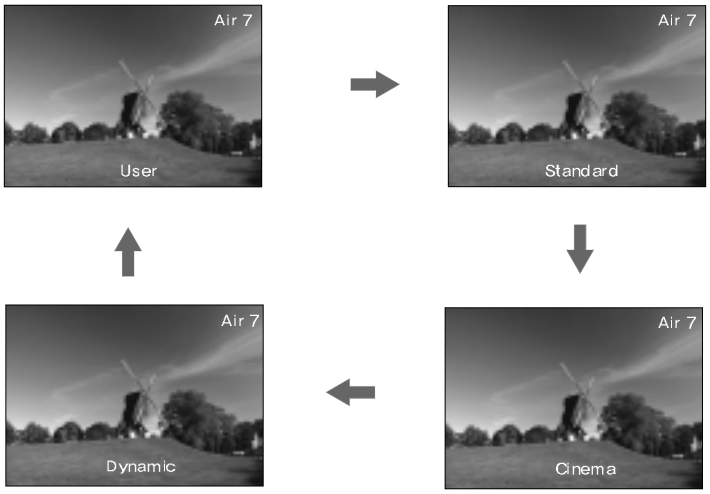
When setting up various screen mode

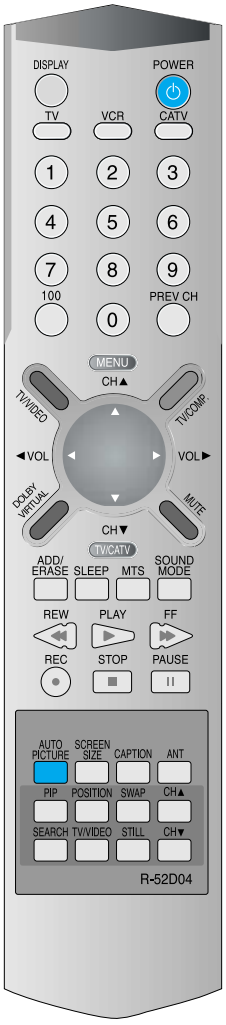
- The user may select various screens designed in good appearance in respect of a professional without adjusting the screen individually.

1 Press the “Auto Picture” button.

AUTO PICTURE

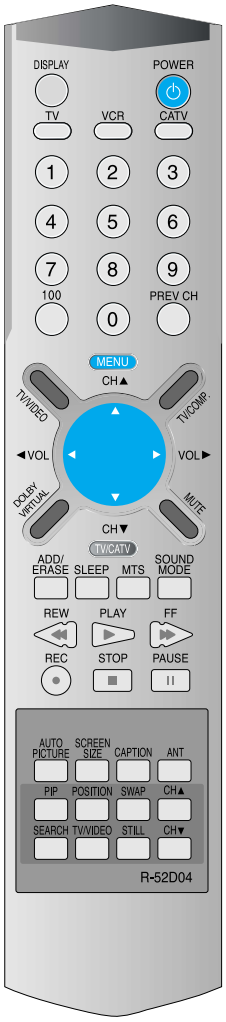
- The screen adjustment status changes as following screens are displayed sequentially whenever pressing the button of the Screen mode.
- Screen automatically changes to the User Screen if adjusting Brightness, Contrast, Sharpness, Color, Tint from individual screen mode.
- The screen returns to the mode prior to turn power off if turning power off and then turning power in each screen status.



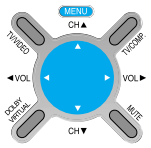


When removing screen noise

- Screen noise refers to that screen looks bad as abnormal signal (noise) generates on the screen when broadcasting signals are weak.

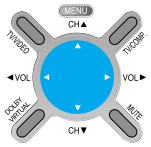


1 Press the “Menu” button.



- Press the “ ◀VOL ▶” button until the “△” mark will come on the “Picture”.
- Press the “CH ▲” button if the “△” mark will come on the “Picture”.
- Press the “ ▼CH ▲” button and select “Picture NR”.

2 Press the “ ◀VOL ▶” button.

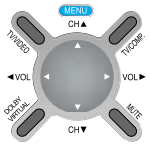


- If pressing the “Volume ◀ ▶” button, On and Off of the Picture NR function are repeated.
- Select On to select the Picture NR function.

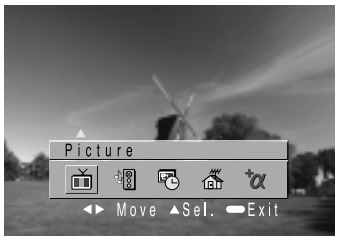
When adjusting the screen to taste

- You can enjoy various screens by adjusting Brightness, Contrast, Sharpness, Color, Tint, etc to the user's taste.

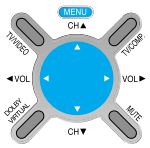
1 Press the "Menu" button and "Picture".



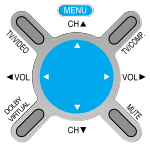
- Press the "◀VOL▶" button until the "△" mark will come on the "Picture".
- Press the "CH▲" button if the "△" mark will come on the "Picture".



2 Select the item desired to adjust and press the "◀VOL▶" button.

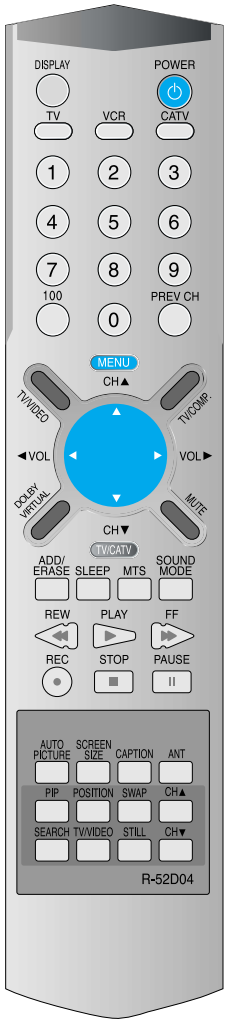


- Whenever pressing the "▼CH▲" button, you can select in the order of Brightness, Contrast, Sharpness, Color, Tint, Picture NR function.



- The screen appears as in the right if pressing the "◀VOL▶" button after selecting items desired to adjust with the "▼CH▲" button.
- You can adjust Brightness by pressing the "◀VOL▶" button.

3 Adjust Brightness, Contrast, Sharpness, Color, Tint, in the same manner.

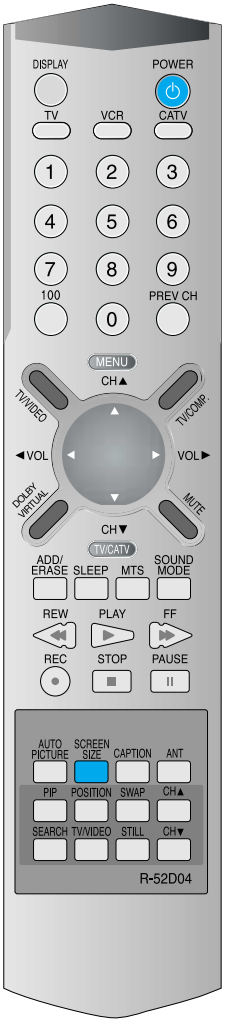


Notice

Brightness : Adjusts the whole of screen brighter or darker.
Contrast : Adjusts difference between brightness and darkness between objects and background on the screen.
Sharpness : Adjusts outline of the screen smoothly or sharply.
Color : Adjusts color thinly or thickly.
Tint : Adjusts so that color of personal face becomes most naturally.
Picture NR : Automatically removes screen noise.

Adjustment of Screen Size

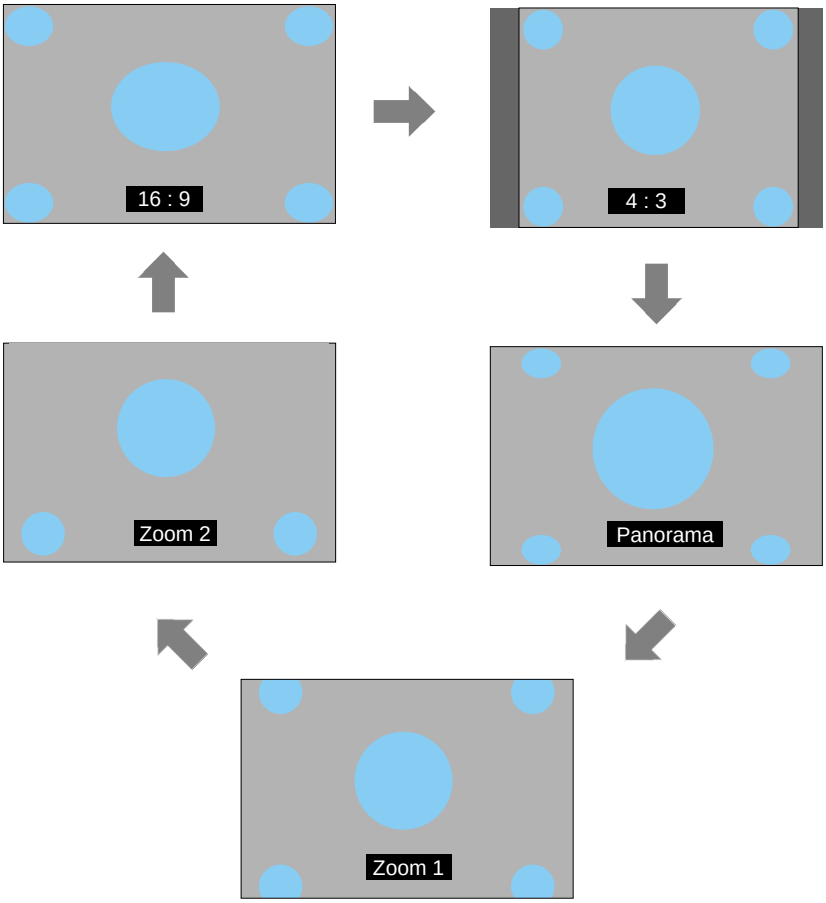
- Randomly change the size of the screen. Pleasure for enjoying the TV increases further.
- This mode does not operation in the component 1 and 2 terminal. (However, the mode operates when 480i is entered into the component 1 and 2 terminal.)
- The 16:9 screen operates when power is turned on firstly.



1 Press the “Screen Size” button.

SCREEN SIZE

• The screen changes as below whenever pressing the “Screen Size” button.



- **16:9** : The 16:9 screen to prove atmosphere of the movie hall.
- **4:3** : General TV screen currently broadcasted.
- **Panorama** : Screen that extends the 4:3 image to 16:9 and spreads the left or right part, and whose center provides natural and energetic feeling.
- **Zoom 1** : Screen that enlarges image upward or downward.
- **Zoom 2** : Screen that enlarges image upward or downward and inserts title for video viewers into image.

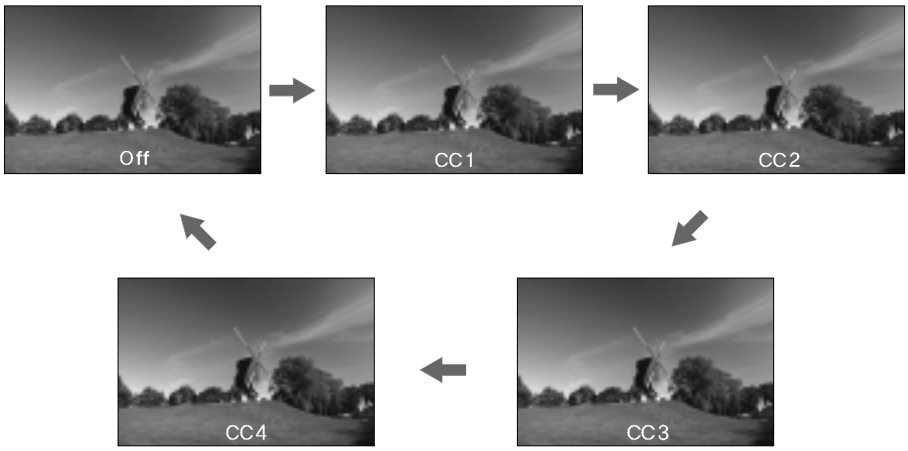
Method to Setup the Caption Screen Mode

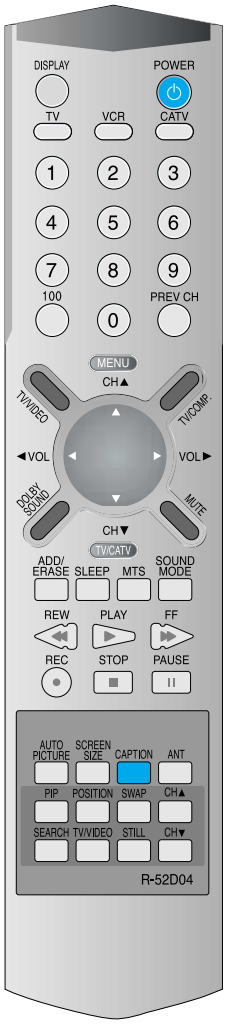
- You can watch in character (English) as well as hear sound in watching English caption program.

1 Press the “Caption” button.

CAPTION

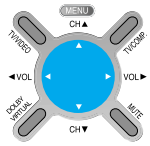
• Setup performed once continues to keep the status as it is.



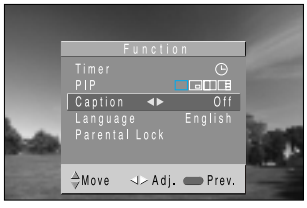


Method to Setup the “Caption” with Menu button

1 Select “Caption” after selecting the “Menu” button and “Function”.

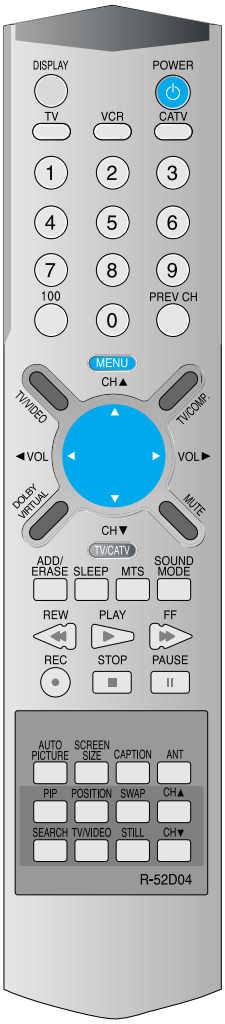


• Off - CC1 - CC2 - CC3 - CC4 is repeated whenever pressing the “Volume ◄ ►” button.

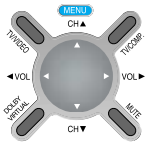


Setup of Parental Lock

- This is function to protect children or juveniles from the harmful broadcasting or videotapes.

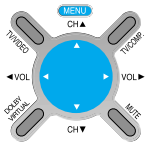


1 Press the “Menu” button.

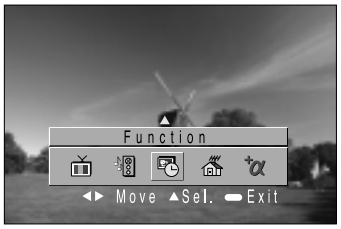


- Main menu appears as in the right drawing.

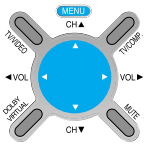
2 Select “Function”.



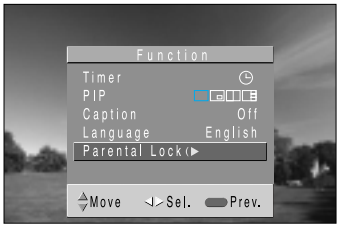
- Select “Function” with the “△” mark by using the “◄VOL►” button.
- Sub-menu appears if pressing the “CH▲” button.



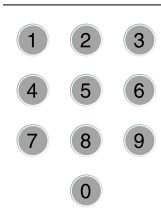
3 Select “Parental Lock” by pressing the “ ▲CH▼” button.



- Press the “VOL►” button.

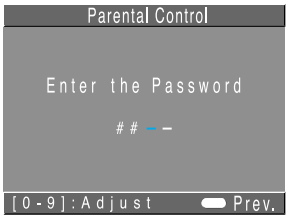


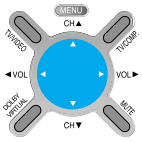
4 Press “Password”.



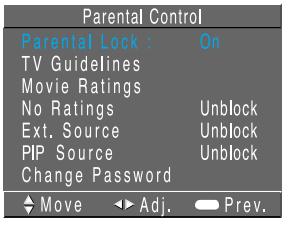
• Press Password by using number 0~9.

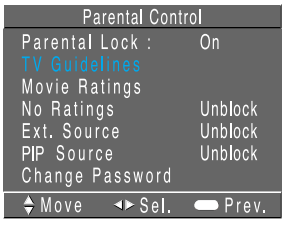
Caution) If using your password, remember it. It is needed for continuous use of this function hereafter.

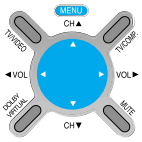




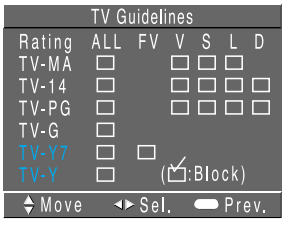
On – Off of the Parental Control is repeated whenever pressing the “◀VOL▶” button.

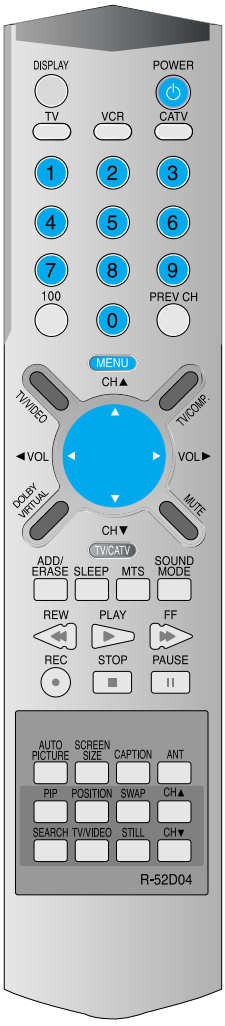


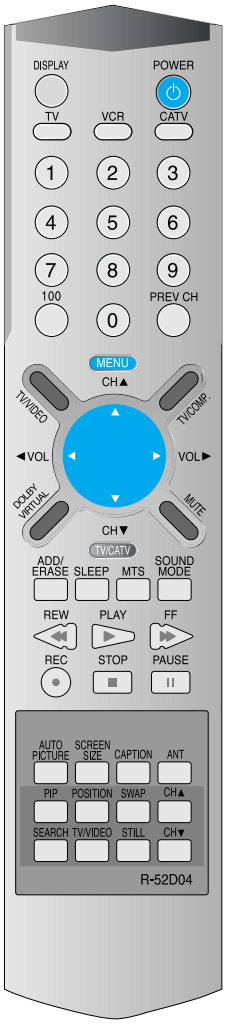


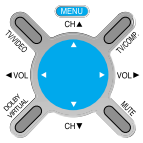


• A guideline of TV is setup in all the TV programs including sports, news.
• The “▼CH▲” button selects items and the “◀VOL▶” button sets up or cancels each item.

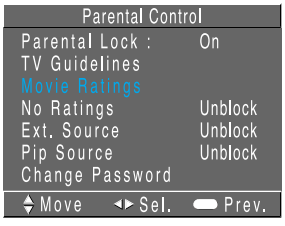


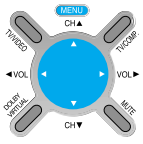




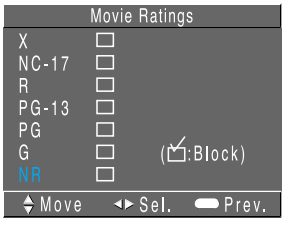


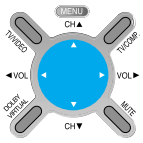
• Rating of movie is setup even in movie, videotape and other media objects including TV program.



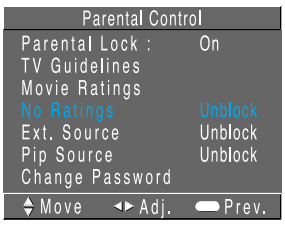


• The "▼CH▲" button selects items and the "◄VOL►" button sets up or cancels each item.



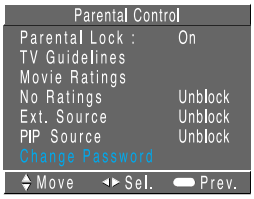


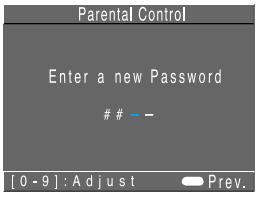
• Interrupts program without rating.
• Interrupts program of the input terminal for the outside video (video 1, 2, 3).
• Interrupts program of the PIP.
• Sets up the Unblock or the Block with the "◄VOL►" button.

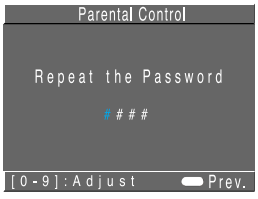


5 “Change Password”.

- In the initial purchase of TV set, password is set to blank.
  In continuous use of Parental Control, you need to change your password.
- If pressing the “◀VOL▶” button after selecting password, the second screen of below drawing appears. Here, newly enter your unique password by using number of 0 through 9. Enter your password in the same manner once again.

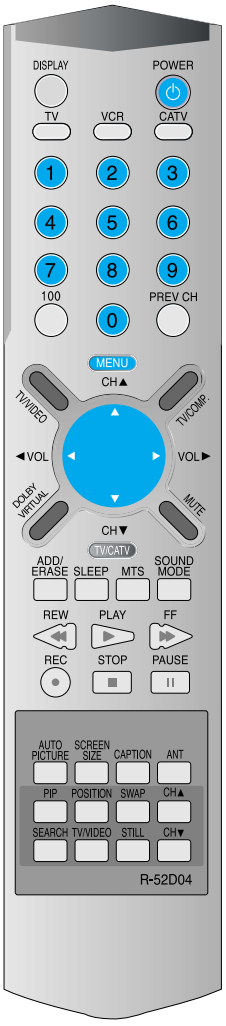






6 Exit from the “Parental Control” menu.

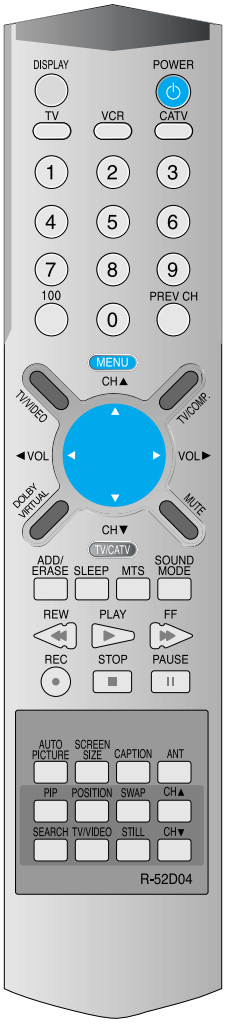
- The main menu appears if pressing the menu button once.
- The OSD of the menu disappears if pressing the menu button until it disappears.



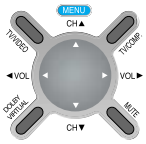
Selection of PIP

When selecting various PIP

- You can enjoy various screens to your taste by selecting various functions of PIP.
  However, you cannot watch same Channel as main screen in the auxiliary screen.
- You cannot also watch the input terminal screen of the component 1 and 2 with a PIP (auxiliary screen).

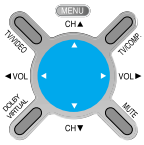


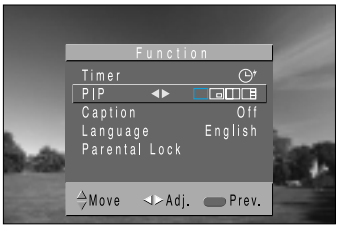
1 Press the “Menu” button and select “Function”.



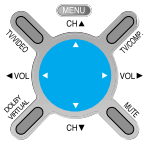
- Select “Function” with the “△” mark by using the “ ◀VOL ▶” button.
- Sub-menu appears if pressing the “CH ▲” button.

2 Select “PIP” by pressing the “ ▼CH▲” button.





3. Press the “ ◀VOL ▶” button from the “PIP”.



- The screen status may change to General Screen → Main/Auxiliary Screen → Two Screen → Search Screen

General Screen

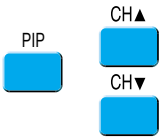
Main/Auxiliary Screen

Two Screen

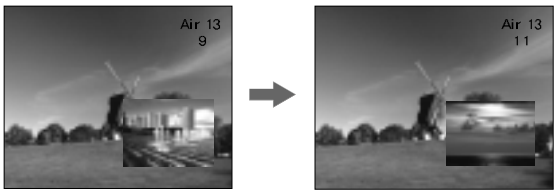
Search Screen

1 Press the “PIP” button and press the “▼CH▲” button of the “PIP”.

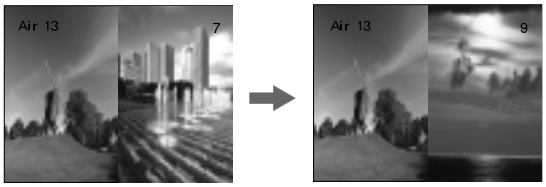
- Select the Channel by pressing the “▼CH▲” button at the right of the “PIP” button.
- The memorized Channel of the auxiliary screen can be selected.

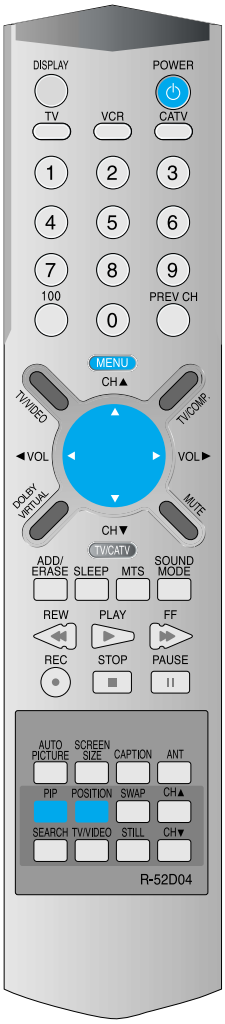


In case of Main/Auxiliary screen



In case of both screens

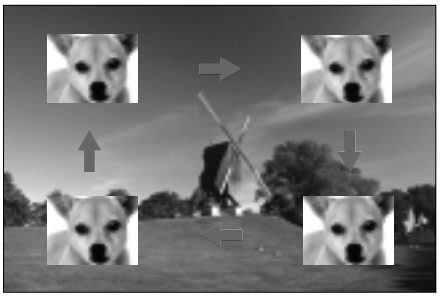




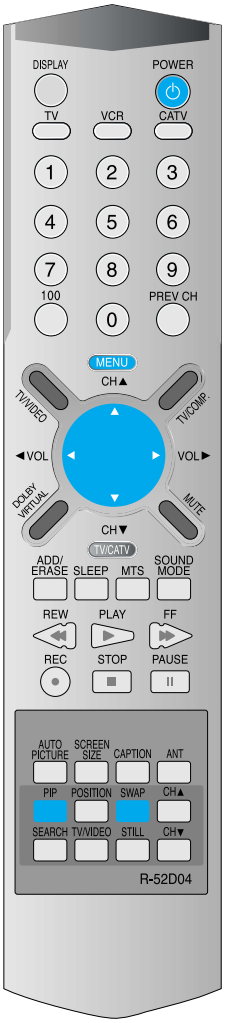
Selection of Auxiliary Screen Position

1 Press the “PIP” button and press the “Position” button.

Position of the auxiliary screen changes whenever pressing the position button.



When converting both main screen to auxiliary screen

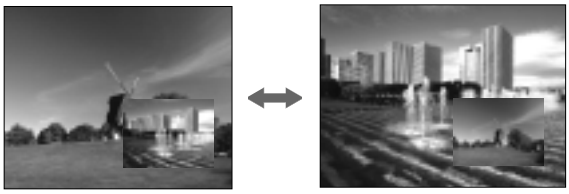


1 Press the “PIP” button and then press the “SWAP” button.

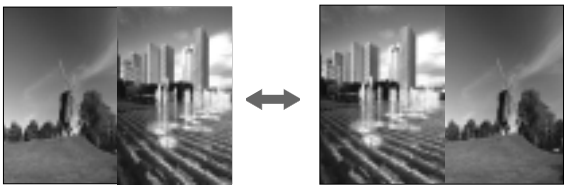
PIP SWAP

- The main screen changes to auxiliary screen and auxiliary screen changes to main screen.

In case of Main/Auxiliary screen



In case of both screens

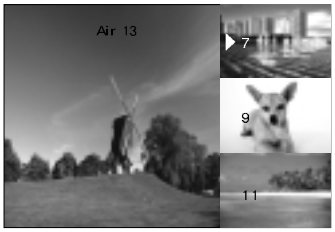


4-screen Channel Search Function

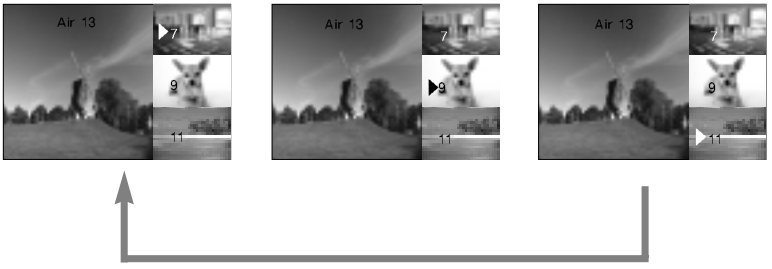
- You can identify broadcasting contents while sequentially searching for only the memorized channel.

1 Press the “Search” button.

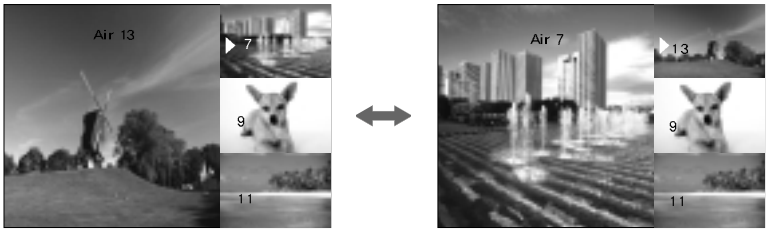
SEARCH

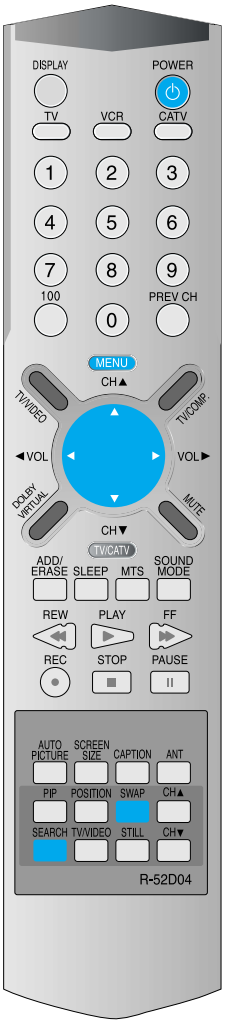


2 The “ ▶ ” mark sequentially moves on the search screen whenever pressing the position button on the search screen.



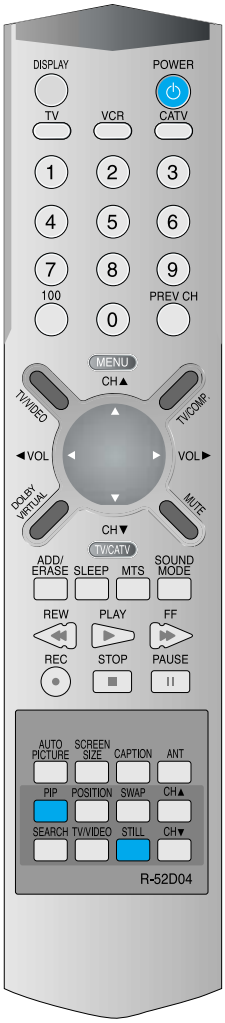
3 If pressing the Main/Auxiliary Conversion button on the search screen, the search screen with the “ ▶ ” mark and the main screen converts each other.





Still

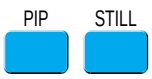
- This is function to temporarily stop the main screen or the auxiliary screen currently watched.
- You can watch favorite scene, etc without missing important information since you can stop the screen.



1 Still of Main Screen

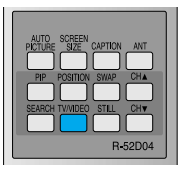
- Press the “Still” button when desiring to still the screen currently watched.
- Pressing the button once again returns to the screen being watched as the still screen is cancelled.

2 Still of Auxiliary Screen



- Press the “Still” button while pressing the “PIP” button.
- The auxiliary screen is temporarily stop if pressing the “Still” button in the PIP.
- Pressing the button once again returns to the screen being watched as the still screen is cancelled.

Notice



Selection of input signal from the auxiliary

Press the “TV/VIDEO” button inside of the remote control on the PIP.

- You can watch video, cable broadcasting, etc on the auxiliary screen.
- This mode does not operation in the component 1 and 2 terminal. Use the still function of external sets(DVD player.etc).
- The auxiliary screen changes in the order of TV → Video1 → Video2 → Video3 → TV whenever pressing the button.

Sound Adjust

When selecting various sound modes

1 Press the “Sound Mode” button.

SOUND MODE

- Sound status changes while the following screens displays in turn whenever pressing the Sound Mode button.

When adjusting sound to taste

- The user can enjoy various sounds by adjusting Sound Mode, Balance, Equalizer

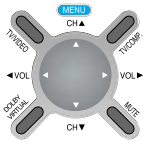
What's equalizer?

- High quality sound range adjustment method used for audio products.

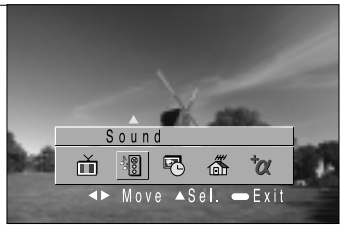
Sound Balance

- Function to adjust balance of sound volume of the left and right speaker.

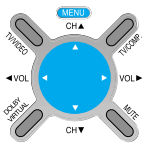
1 Select "Sound" by pressing the "Menu" button.



- The menu screen appears as follows:

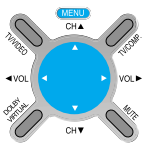


2 Select items desired to adjust and press the "◀VOL▶" button.

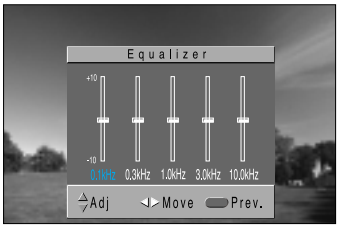


- You can select item in the order of Mode → Balance → Equalizer whenever pressing the button.

3 In case of adjusting equalizer

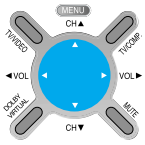


- Select the Equalizer by pressing the "▼CH ▲" button.
- If pressing the "◄VOL►" button, the Equalizer Adjust mode appears.

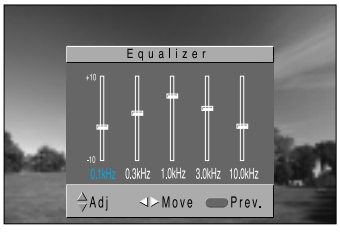


0.1 kHz, 0.3 kHz	Low Sound Range
1.0 kHz, 3.0 kHz	Middle Sound Range
10.0 kHz, 0.3 kHz	High Sound Range

4 Select and use the relevant frequency by pressing the "◀VOL ▶" button.



- You can adjust degree of the relevant frequency by using the "▼CH▲" button.



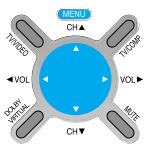
5 Adjust sound balance in the same manner, either.

Dolby Virtual

Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

You can perspective, orientation and a cubic effect through the left/right speaker by developing the existing surround system function.

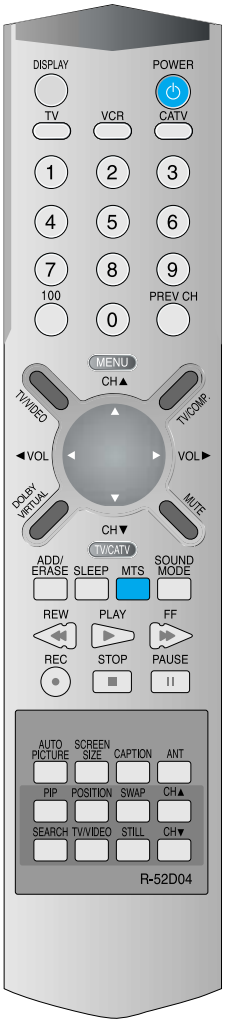
1 Press the "Dolby Virtual" button.



- Dolby Virtual On → Dolby Virtual Off is repeated whenever pressing the Dolby Virtual button.
- You can also operate this function with the menu button.

Multi-Sound and Stereo

- You can select to your taste since multi-sound broadcasting is broadcast in the order of Mono → Stereo → SAP.
- In stereo broadcasting, automatic conversion to the status selected in the multi-sound broadcasting is done.
- You may also select this function even in <Menu> → <Sound> → Mode by pressing the menu button.

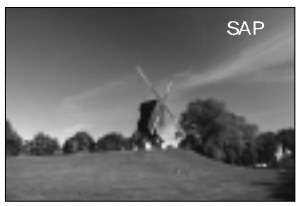


In Multi-sound and Stereo Broadcasting

1 Press the “MTS” button.

MTS

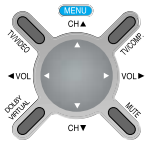
- The status changes while following screens sequentially appears when pressing the button.



Adjustment of Current Time

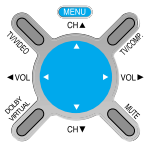
- You must previously adjust current time in order to reserve Automatic On/Off.

1 Press the “Menu” button and select “Function”.



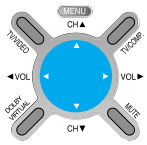
- Select “Function” by pressing the “ ◄VOL ►” button and then press the “CH▲” button.

2 Press the “Timer” for selection.

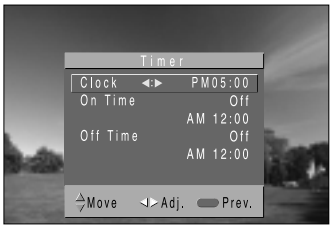


- Select “Timer” by pressing the “▼CH▲” button and then press the “ ◄VOL ►” button.

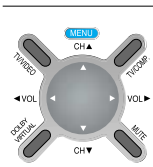
3 Setup the “Clock”.



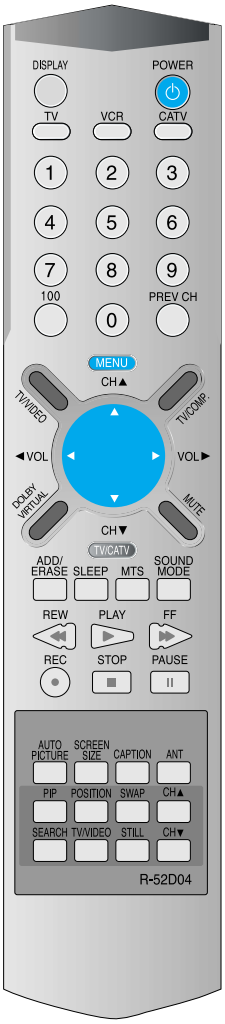
- Hour is set up if pressing the “◄VOL” button and minute is set sup if pressing the “VOL ►” button.



4 Press the “Menu” button if time setup is completed.



- The menu disappears if pressing the menu button three times.



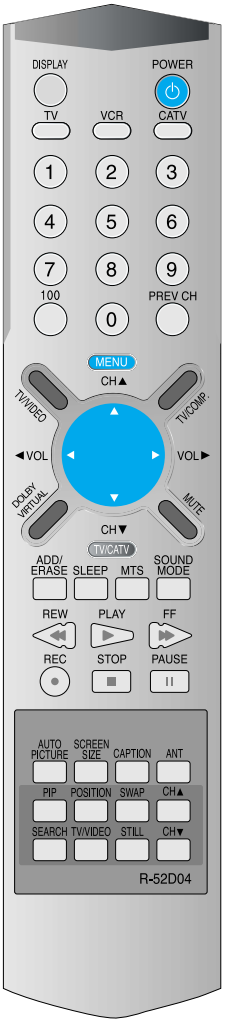
Notice.

Current time is erased if setting up the Off status by pressing the main power button.

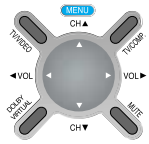
- Leave the main power button in the On status in the case of not using TV for a long time.

Setup of Off-time

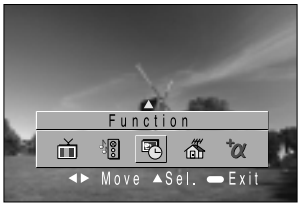
The red lamp turns on even setting up either of Off-time/ On-time.
This function is very convenient since TV is automatically turned off at the fixed time if reserving the Off-time for sleeping time or at desired time.
If adjusted once, this function operate everyday unless canceling the Off-time setup or pulling the plugs out.
You can reserve current time if setting it up previously.
On/Off time setup is erased if pressing and turning the main power off.



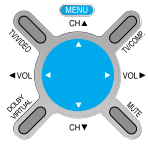
1 Select “Function” after pressing the “Menu” button.



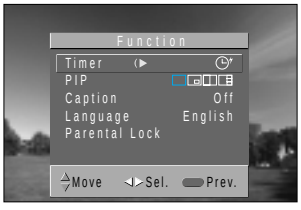
- Select “Function” by pressing the “ ◄VOL ► ” button and then press the “CH▲” button.



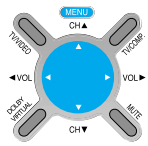
2 Press “Timer” for selection.



- Select “Timer” by pressing the “ ▼CH▲” button and then press the “ ◄VOL ► ” button.

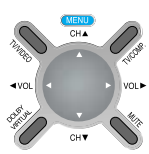


3 Select “Off Time” by pressing the “▼CH▲” button.



- Hour is set up if pressing the “ ◄VOL” button and minute is set sup if pressing the “VOL ► ” button.

4 Press the “Menu” button if time setup is completed.



- Select “Off-time” by pressing the “ ▼CH▲” button and select ‘On” by pressing the “ ◄VOL ► ” button.
- Hour is set up if pressing the “ ◄VOL” button and minute is set sup if pressing the “VOL ► ” button.

Notice.

Setup of On-Time

- Setup in the same manner as in setup of Off Time.
- Reservation function allowing TV to turn on to the desired time.
- If adjusted once, the On-time continues to operate everyday unless canceling setup or taking out the TV plugs.
- It is convenient if setting up so that it turns on the rising time in the morning.
- You can reserve by previously adjusting current time.

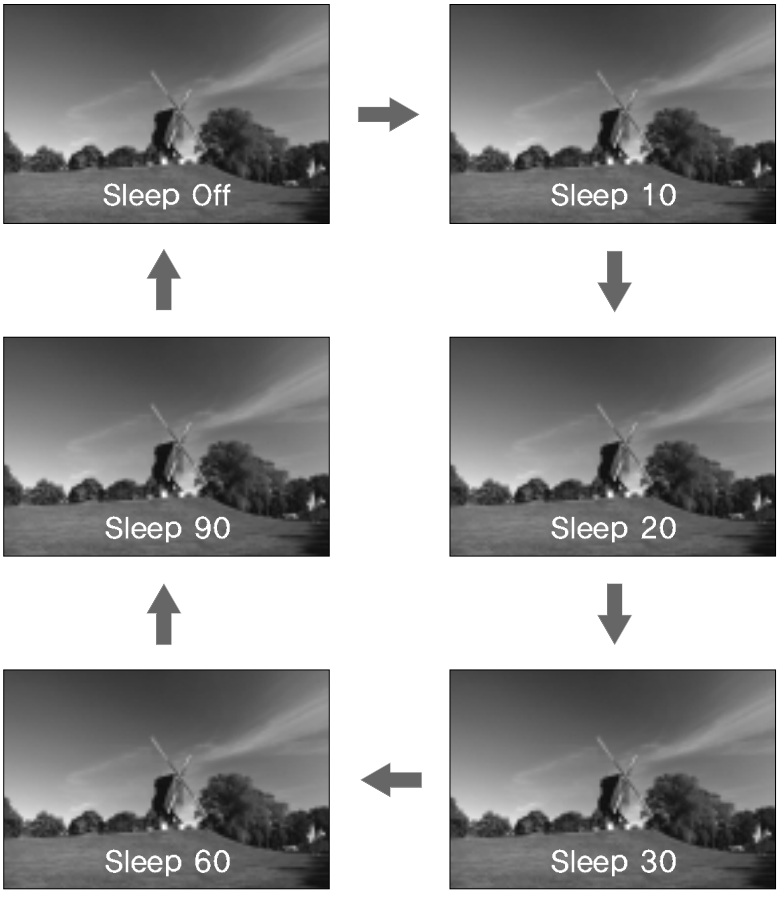
Reservation of Sleep Time

- This is function to reserve so that TV turns off after a fixed time (10 min. ~ 90 min.) has passed from the current time.
- Adjust sleep time with sleep reservation button of a remote control.

1 Press the “SLEEP” button.

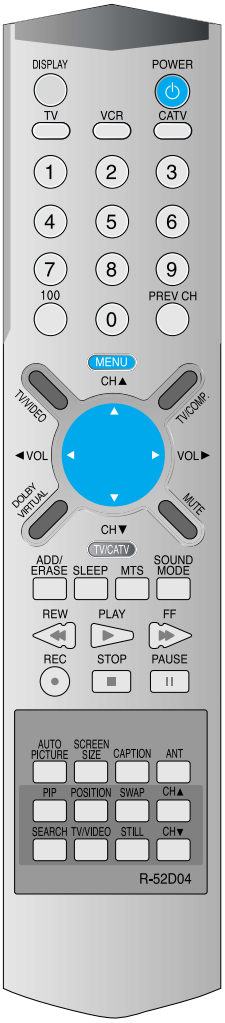
SLEEP

- Sleep Off → Sleep 10 → Sleep 20 → Sleep 30 → Sleep 60 → Sleep 90 → Sleep Off is repeated whenever pressing the “Sleep” button.
- Stop to pressing at the desired time.
- Sleep Off means status that “Sleep” is not setup.

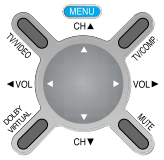


Adjustment of Color Match

- Perform this adjustment when color looks separated or when focus is not suitable or when the screen looks spread, after movement to another place or watching projection TV for a long time.
- **"Conv Size" and "Conv Reset" is option.**

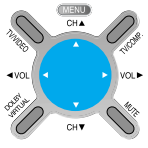


1 Press the "Menu" button.

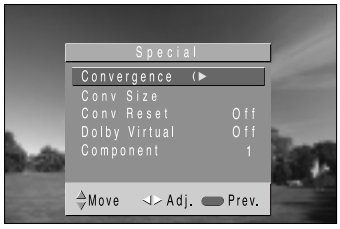


- The Menu screen appears as in the right.

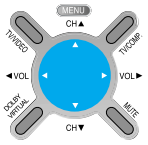
2 Select "Special".

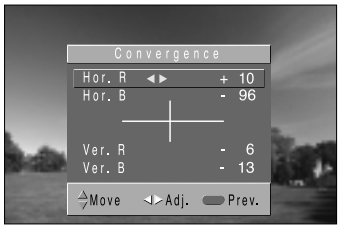


- Select "Special" with the "◄VOL►" button.
- The extension appears if pressing the "CH▲" button.

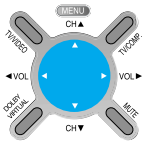


3 Select "Convergence".

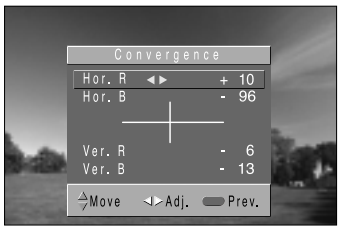




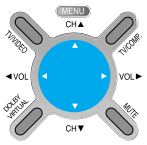
4 Adjust the Convergence.



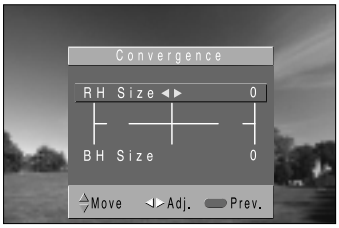
- The "▼CH▲" button selects items and the "◄ VOL►" button changes data of the selected item.
- The "◄VOL" button moves color to the left (upper) and the "VOL►" button moves color to the right (lower).
- Adjust the screen so that color of the middle cross becomes white.
- Adjust blue color in the same manner.
- Adjust the screen so that color of the middle cross becomes white in the length and the width.



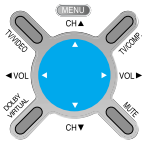
5 Select “Conv Size” and Adjust.



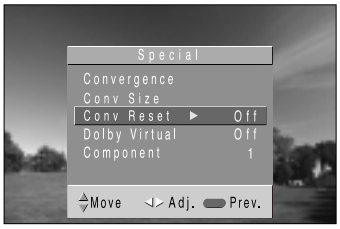
- This feature is to adjust the convergence, and it is used when the color is not properly set up.
- The “▼CH▲” button selects items and the “◄ VOL ►” button changes data of the selected item.
- Press “◄VOL” button to adjust the convergence to the center of the screen. Press “VOL ►” button to adjust the convergence to the edge of the screen.
- Adjust the screen until the color of the middle cross and the bars on the side turns in white.
- Adjust blue color in the same manner.
- Adjust the screen until the color of the middle cross and both horizontal and vertical bars on the side turns in white.



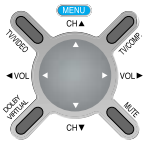
6 Select “Conv Reset” and Adjust.



- This function is to turn back the convergence into the factory initial settings.
- When “VOL ►” button is selected, the resetting menu will change in Off -> On -> Off manner.



7 Press the “Menu” button.

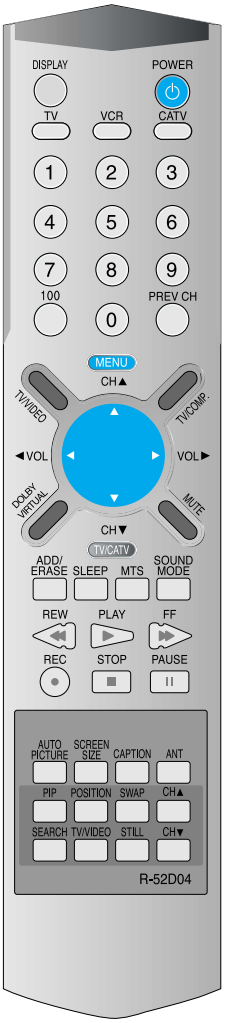


- Press the menu button until the menu screen disappears.
- Ensure that color is correct by turning the channel.
- Perform setup again if color is unmatched.
- Before thinking it as failure

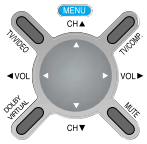
Selection of Language

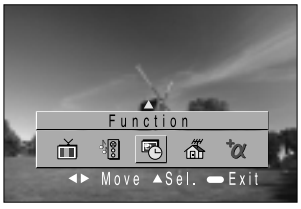
Selection of Language

This function enables to select language of the OSD displayed on the TV screen.
Language of the OSD consists of English, French and Spanish.

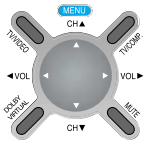


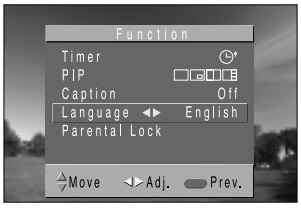
1 Press the menu button and select “Function”



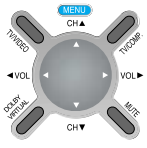


2 Select language the “ ▼CH▲ button”

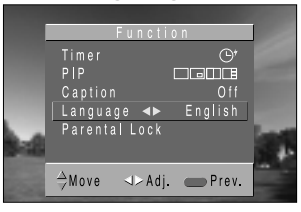




3 Press the “ ◀VOL▶ button from Language.



Language of the OSD changes in the order of English → Français → Español whenever pressing the volume button.



Troubleshooting

Symptoms and Solutions

Please check the following list prior to calling Daewoo Electronics Service Center for assistance

WHEN THE TV DOES NOT TURN ON

- Is the TV power cord plugged into the outlet correctly?
- Please check the power cord and connect it properly to the outlet.
- Press the main power button at the front controller panel.

WHEN THE VIDEO IS ON, BUT THE AUDIO IS OFF

- Has the "mute" button at the remote controller been pressed accidentally?
- Have you checked its volume?
- Press the "mute" button on the remote controller once more.
- Adjust the volume pressing the "right" button

WHEN THE AUDIO IS ON, BUT WHEN THE IMAGE IS NOT IN COLOR

- Have you checked the Color?
- Isn't the program itself broadcasting in black and white?
- Have you checked the antenna connection?
- Adjust the color pressing the "Vol▲/▼" buttons as explained in page 37
- Check other broadcasting programs
- Check the antenna

WHEN THE IMAGE IS DOUBLED

- Is the antenna towards the right direction?
- Hasn't the Channel Fine Tuning been adjusted wrongfully?
- Turn the antenna towards where the broadcasting station is
- Press the Fine Tuning button and adjust the screen image

WHEN DOTTED OR WHITE LINES ARE ON

- Have you checked the antenna?
- Have you checked whether it has been interfered by vehicles or neon signs?
- Connect the antenna or change the antenna cable.

WHEN THE NET-LIKE LINES ARE ON

- Have you checked whether it has been interfered by any other receiving waves-such as radio?
- Avoid any subject that may interfere its proper operation

WHEN THE STEREO BROADCASTING IS NOT CLEAR

- This may happen when there is a bad reception due to interference or depending on the location of the broadcasting station.
- Press the "map" button and select "Forced Mono"

WHEN THE REMOTE CONTROLLER DOES NOT WORK

- Hasn't the remote controller receiving window be blocked or interfered by any object?
- Aren't the batteries on the remote controller low?
- Hasn't the remote controller mode set up in cable mode?
- Please clear away any object that may block the TV from receiving the remote controller signals.
- Press the "TV/Input" or "TV/CATV" button to change its current mode.

Standard of Product

DSJ-4710CRA/4720CRA	Model	DSJ-5510CRA/5520CRA
VHF 2~13, 14~69 CATV 1~125 CHANNEL	Receipt Channel	VHF 2~13, 14~69 CATV 1~125 CHANNEL
119cm	Screen Size	139cm
NTSC	Signal Method	NTSC
15W / ch (Main L/R)	Speaker Output	15W / ch (Main L/R)
AC 120V, 60Hz	Power	AC 120V, 60Hz
AC 220V, 50/60Hz(Chile, Peru)		AC 220V, 50/60Hz(Chile, Peru)
Marking on the rear of set	Power Consumption	Marking on the rear of set
1110 x 1210 x 533mm(4710)	Dimension (W/H/D)	1278 x 1352 x 586mm(5510)
1110 x 1210 x 530mm(4720)		1278 x 1352 x 591mm(5520)
62kg	Weight	78kg

Appearance and standard of this product may change without prior notice for improvement.

Consult the service center after promptly cleaning this product with clean water and drying it at a shade.
Never plug-in the power cords since electrical shock or damage of part may occur.